

ENGINEERING CHANGE NOTICE

DART AEROSPACE LTD		Amendment Design Review (ADR) Yes/No: N		ECN #: 946		
Date: 07.04.12		ADR Date: N/A				
Job No: 00085		Created By: UP	Checked By: TH			
Product No: D412-664		Approved By: TH	Approved By: TH			
Product Name: Crosstube Installations		(Proj. Manager)	(Management if reqd)			
Documents Affected: Release: - D6019 Rev.A (Crosstube Material) - D2896 Rev.B (Aft Crosstube Support) - D3189 Rev.B (Chafing Shield) - D3606 Rev.A (Cuff)						
#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?	X		CP	ASAP	07.04.13 UP
2	Update Blue/Pink Folder/Electronic File		X			
3	Update DSI Folder/Electronic File		X			
4	Update D-Part Master Binder	X		KJ	ASAP	07.04.13 TH
5	Update Grey Project Binder		X			
6	Update DEO/DSI Binder		X			
7	Update Master Document List (MDL)		X			
8	Update Document Record (DR)		X			
9	Update Change Record Form		X			
10	Move Electronic File	X		KJ	ASAP	07.04.13 TH
11	Notify TC of Change		X			
12	Notify FAA of Change		X			
13	Update QSI 021 (TC/FAA STC)		X			
14	Update QSI 036 (K-Kits)		X			
15	Update Accpac Database	X		KJ	ASAP	07.04.13 TH
16	Update Access Database	X		KJ	ASAP	07.04.13 TH
17	Verification ARC		X			
18	Update STC Approval List		X			
19	Update Product Development Summary		X			
20	Create/Update COSS (Estimate/BOM)	X		JLM / EC ✓	ASAP	07.04.16 TH
21	Create/Update PPP's		X			
22	Update Paperwork Kits in Production		X			
23	Update Paperwork Kits in Stock		X			
24	Red Tag Stock with old CHG #		X			
25	Rework/Scrap Current Production	X		LL ✓	ASAP	07.04.30
26	Rework/Scrap Kits in Stock?	X		LL	ASAP	07.04.16 TH
27	Update Qpulse/Laminated Dwgs	X		KJ	ASAP	07.04.13 TH
28	Create/Update Controlled PDF Files	X		KJ	ASAP	07.04.13 TH
29	Create/Update FAI sheets	X		JLM / EC	ASAP	07.04.16 TH
30	Create/Update CNC Programs		X			
31	Create/Update Tooling		X			
32	MPP required?		X			
33	Notify Previous Customers		X			
34	Notify Eurocopter France		X			
35						
36						
Description / Action: - D6019 is the new crosstube material for the D412-664-145 fwd crosstubes (412 CF, qty 1 per xtube) - D3189 is being released to add the new D3189-3 chafing shield for the D412-664-145 fwd crosstube (qty 1 per xtube) - D3606 is for the D3606-1 Cuff for the D412-664-145 fwd crosstube (qty 2 per xtube). Note that it is made from 7075-T6 tubing. - D2896 released because of a change in the finish for the D2896-1 Support. Per the dwg, the support is now finished, with masked-off areas - Estimates should already exist for the D6019-XXX, D3189-3, and D3606-1 because they were already made under preliminary issues. Ensure all estimates match the released dwgs. - Remaining dwgs for the 412CF crosstubes will be released shortly, these dwgs are being released to make production of these subparts easier						

FOR D2896-1, REWORK/UPDATE CURRENT PRODUCTION / STOCK WITH CORRECT FINISH. CROSSTUBES ALREADY ASSEMBLED ARE OK AS-IS.

ECN Complete: **TH** Date: 07.06.30

Go ahead.

David

From: Chris Provencal [mailto:cprovencal@dartaero.com]
Sent: Thursday, April 12, 2007 12:15 PM
To: David Shepherd (David Shepherd)
Cc: 'S Shahbazian'
Subject: D2896

David,

Similarly, can I also have permission to stamp released the

-D2893 Rev.B
-D2896 Rev.B
-D2940 Rev.B
-D212-664-141 Rev.C
-D212-664-241 Rev.C
-D412-664-243 Rev.D

You've approved all those dwgs.

-Chris

From: Chris Provencal [mailto:cprovencal@dartaero.com]
Sent: April 12, 2007 1:58 PM
To: David Shepherd (David Shepherd)
Cc: 'S Shahbazian'
Subject: D3606

David,

Can you give me permission to stamp released the D3606 Rev.A dwg (the cuff for the 412CF). You've already approved the dwg, but there's no release stamp.

-Chris

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 269.3.0/758 - Release Date: 4/12/2007 11:52 AM

--
No virus found in this outgoing message.
Checked by AVG Free Edition.
Version: 7.5.446 / Virus Database: 269.3.0/758 - Release Date: 4/12/2007 11:52 AM

12/04/2007

Chris Provencal

From: David Shepherd [dshepherd@dartaero.com]
Sent: April 12, 2007 2:31 PM
To: 'Chris Provencal'
Cc: 'S Shahbazian'
Subject: RE: D3606

Go ahead.

David

From: Chris Provencal [mailto:cprovencal@dartaero.com]
Sent: Thursday, April 12, 2007 11:58 AM
To: David Shepherd (David Shepherd)
Cc: 'S Shahbazian'
Subject: D3606

David,

Can you give me permission to stamp released the D3606 Rev.A dwg (the cuff for the 412CF). You've already approved the dwg, but there's no release stamp.

-Chris

--

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.5.446 / Virus Database: 269.3.0/758 - Release Date: 4/12/2007 11:52 AM

--

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.446 / Virus Database: 269.3.0/758 - Release Date: 4/12/2007 11:52 AM

ENGINEERING CHANGE NOTICE

MPP

DART AEROSPACE LTD		Amendment Design Review (ADR) Yes/No: N		ECN #: 946		
Date: 07.04.12		ADR Date: N/A				
Job No: 00085		Created By: <i>CP</i>		Checked By:		
Product No: D412-664		Approved By:		Approved By:		
Product Name: Crosstube Installations		(Proj. Manager)		(Management if reqd)		
Documents Affected: Release: - D6019 Rev.A (Crosstube Material) - D2896 Rev.B (Aft Crosstube Support) - D3189 Rev.B (Chafing Shield) - D3606 Rev.A (Cuff)						
#	Engineering Actions	Yes	No	Responsible	To happen by:	Complete
1	Required Documents/Drawings Under Review?	X		CP		
2	Update Blue/Pink Folder/Electronic File		X			
3	Update DSI Folder/Electronic File		X			
4	Update D-Part Master Binder	X		KJ		
5	Update Grey Project Binder		X			
6	Update DEO/DSI Binder		X			
7	Update Master Document List (MDL)		X			
8	Update Document Record (DR)		X			
9	Update Change Record Form		X			
10	Move Electronic File	X		KJ		
11	Notify TC of Change		X			
12	Notify FAA of Change		X			
13	Update QSI 021 (TC/FAA STC)		X			
14	Update QSI 036 (K-Kits)		X			
15	Update Accpac Database	X		KJ		
16	Update Access Database	X		KJ		
17	Verification ARC		X			
18	Update STC Approval List		X			
19	Update Product Development Summary		X			
20	Create/Update COSS (Estimate/BOM)	X		JLM / EC	✓	
21	Create/Update PPP's		X			
22	Update Paperwork Kits in Production		X			
23	Update Paperwork Kits in Stock		X			
24	Red Tag Stock with old CHG #		X			
25	Rework/Scrap Current Production	X		LL		
26	Rework/Scrap Kits in Stock?	X		LL		
27	Update Qpulse/Laminated Dwgs	X		KJ		
28	Create/Update Controlled PDF Files	X		KJ		
29	Create/Update FAI sheets	X		JLM / EC		
30	Create/Update CNC Programs		X			
31	Create/Update Tooling		X			
32	MPP required?		X			
33	Notify Previous Customers		X			
34	Notify Eurocopter France		X			
35						
36						
Description / Action: - D6019 is the new crosstube material for the D412-664-145 fwd crosstubes (412 CF, qty 1 per xtube) - D3189 is being released to add the new D3189-3 chafing shield for the D412-664-145 fwd crosstube (qty 1 per xtube) - D3606 is for the D3606-1 Cuff for the D412-664-145 fwd crosstube (qty 2 per xtube). Note that it is made from 7075-T6 tubing. - D2896 released because of a change in the finish for the D2896-1 Support. Per the dwg, the support is now finished, with masked-off areas - Estimates should already exist for the D6019-XXX, D3189-3, and D3606-1 because they were already made under preliminary issues. Ensure all estimates match the released dwgs. - Remaining dwgs for the 412CF crosstubes will be released shortly, these dwgs are being released to make production of these subparts easier						

Handwritten notes:
 270430
 2704-3

-FOR D2896-1, REWORK/UPDATE CURRENT PRODUCTION/STOCK WITH CORRECT FINISH. CROSSTUBES ALREADY ASSEMBLED ARE OK AS-IS.

ECN Complete: _____ Date: _____